SCHOOL, GRADUATE HMQ

DETACH BEFORE DEPOSITING

GOVERNOR MIFFLIN SCHOOLS
SHILLINGTON, PA. 19607

ATTACHED CHECK IS IN FULL PAYMENT
OF ACCOUNT AS PER INVOICES LISTED.
NO RECEIPT REQUIRED.

INVOICE DATE	REFERENCE	INVOICE AMOUNT	*	INVOICE DATE	REFERENCE	INVOICE AMOUNT	*
8/06/82	10	43.90					
		textbooks					

CHECK NO. 10389

PAYMENT CODES
1. ADJUSTMENT
2. CREDIT MEMO
3. DISCOUNT
4.

TOTAL $ 43.90

STUD. COPY

COURSE	SEC	DESCRIPTION	CREDITS	GRADE	QUALITY POINTS
		1ST SUMMER SESS 1982			
MATH 513		INSERVICE MATHEMATICS	6.0	A	

CREDITS ATTEMPTED	CREDITS PASSED	TRANSFER CREDITS	ADVANCED STANDING	QUALITY POINTS EARNED	QPA CUMULATIVE	QPA SEMESTER	GRADING PERIOD TOTALS		
							6.0		

A = EXCELLENT
B = ABOVE AVERAGE
C = AVERAGE
D = BELOW AVERAGE
F = FAILURE
I = INCOMPLETE
R = REPEAT COURSE. COURSES PREVIOUSLY TAKEN ARE NOT ADDED TO CREDITS ATTEMPTED
S = SATISFACTORY
U = UNSATISFACTORY
WP = WITHDREW PASSING
WF = WITHDREW FAILING (PENALTY GRADE)
PASSED = PASSED COURSE TAKEN ON A PASS/FAIL BASIS, NOT CALCULATED IN THE QUALITY POINT AVERAGE
FAILED = FAILED COURSE TAKEN ON A PASS/FAIL BASIS, NOT CALCULATED IN THE QUALITY POINT AVERAGE
W = WITHDREW
AUD = AUDIT = NO CREDIT

QUALITY POINTS

A = 4
B = 3
C = 2
D = 1
F = 0
I = 0

1866

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NO.	DATE
191-26-6052	08/12/82

HUGH M QUIGLEY
R D #1 BOX 776B
READING PA 19607

THE QUALITY POINT AVERAGE IS DETERMINED BY DIVIDING THE TOTAL NUMBER OF QUALITY POINTS BY THE NUMBER OF CREDITS ATTEMPTED AT KUTZTOWN STATE COLLEGE. THE FOLLOWING GRADES ARE NOT INCLUDED IN DETERMINING THE QUALITY POINT AVERAGE: PASS/FAIL GRADES, WITHDREW PASSING GRADES, AUDITS AND W'S.

THE PENNSYLVANIA STATE UNIVERSITY

OFFICE OF THE REGISTRAR

UNIVERSITY PARK, PENNA. 16802

SEMESTER GRADE REPORT

COURSE	NO.	TITLE	CREDITS	GRADE	GRADE PTS.
ED	454	EXTCUR ACT JR&SRHS	3.0	A	
ED	551C	ORG&ADM OF SEC ED	3.0	H	
ED	590	PHILOSOPHY OF EDUC	3.0	P	
MATH	404	THEORY OF NUMBERS	3.0	B	

SEMESTER AVERAGE		
CUMULATIVE AVERAGE		

GRADING SYSTEM

A-	90-100%	4 GRADE PTS./CR.
B-	80- 89%	3 " " "
C-	70- 79%	2 " " "
D-	60- 69%	1 " " "
F-	0 - 59%	0 " " "

THE FOLLOWING HAVE NO GRADE PTS. INVOLVED.

P- PASS	AU- AUDIT
H- HONORS	DF- DEFERRED
R- RESEARCH	W - WITHDREW

NG-NO GRADE REPORTED

THE AVERAGE IS COMPUTED BY DIVIDING THE TOTAL CREDITS INTO THE TOTAL GRADE POINTS. IF THERE ARE ANY NG OR DF GRADES THE AVERAGE CANNOT BE COMPUTED AT THIS TIME.

ROBERT G. BERNREVTER
Dean of Admissions and Registrar

QUIGLEY HUGH M JR

STUDENT NUMBER: 7505-57-04
CURR.: SECED
SEM.: G

DATE PREPARED: SUM 1959 9/09/59

STUDENT (7-17-57)

FORM S6.6

16802

OFFICE OF THE REGISTRAR
THE PENNSYLVANIA STATE UNIVERSITY

GRADUATE RECORD OF Hugh (FIRST NAME) Me

STUDENT NUMBER 7505-57 04

GRADUATED BY The Pa. State Univ

DATE OF BIRTH March 6, 1932

ADMITTED TO CANDIDACY FOR

PLACE OF BIRTH Bellefonte, Pa.

ADMITTED 9-6-56 Min.

COMPREHENSIVE EXAMINATION

DEGREE M. Ed **MAJOR** Sec. Ed

PASSED **DATE**

SPECIAL ACTIONS AND NOTES

DEGREE **CONFERRED, D**

COURSE	CATALOG NUMBER	CREDIT	GRADE PASS	GRADE FAIL		COUR
	1.S	1957				
Ed.	551A	3	P		The Secondar	
	S.S.	1957				
Ed.	550	3	P		Problems in N	
Math.	407	3	B		Foundations	
			S.S	1958		
Ed	515	3	P		Comparativ	
Ed	525	3	H		Modern Ten	
			P.S.	1958	"	
Psy	502	3	P		Advanced	
			1.S.	1959		
Ed	454	3	A		Extracurricul	
			S.S.	1959		
Ed	551C	3	H		Organizati	
MATH	404	3	B		Theory of	
			P.S.	1959		
Ed	590	3	P		Advanced	

RESIDENCE RECORD

INSTITUTION	DURATION	YEAR	CREDIT ALLOWED
PSU	1S. SS	'57	9 wks
	SS PS	'58	9 "

GRADING SYSTEM
(500 COURSES)
H PASS WITH HONOR (SINCE FALL 1947)
P PASS
R RESEARCH (INTERIM GRADE)
F FAIL
(400 COURSES)
3 90 TO 100
2 80 TO 89
GRADES BELOW 2 DO NOT CARRY GRADUATE CREDIT

THESIS OR PROJECT SUBJECT:

LANGUAGE REQUIREMENT MET
DATE
DATE

TRANSCRIPT MAILED TO **DATE**

Hugh M. Quigley, Jr.
536 N. Wilson Street
Bellefonte, Pa

NAME AND HOME ADDRESS OF STUDENT

16802

F THE REGISTRAR
ANIA STATE UNIVERSITY

GRADUATE RECORD OF Hugh (FIRST NAME) Merriman (MIDDLE NAME) Quigley, Jr. (LAST NAME)

7505-57 04

arch 6, 1932

ellefonte, Pa.

56 Min.

MAJOR Sec. Ed

GRADUATED BY The Pa. State Univ. - B.A. 6-7-54

ADMITTED TO CANDIDACY FOR

COMPREHENSIVE EXAMINATION PASSED DATE

FINAL EXAMINATION PASSED DATE

NOTES

DEGREE CONFERRED, DATE

COURSE	CATALOG NUMBER	CREDIT	GRADE PASS	GRADE FAIL	
	1.S	1957			
Ed.	551A	3	P		The Secondary School Curriculum
	S.S.	1957			
Ed.	550	3	P		Problems in Modern Secondary Ed.
Math.	407	3	B		Foundations of Algebra & Geom.
			S.S	1958	
Ed	515	3	P		Comparative European Ed.
Ed	525	3	H		Modern Tendencies in Educational Method
			P.S. 1	958	
Psy	502	3.	P		Advanced Educational Psychology
			I.S. 1	959	
Ed	454	3	A		Extracurricular Activities in the Jr & Sr. H.S.
			S.S.	1959	
Ed	551C	3	H		Organization & Admin. of Sec. Ed.
MATH	404	3	B		Theory of Numbers
			P.S.	1959	
Ed	590	3	P		Advanced Philosophy of Ed.

COURSE	CATALOG NUMBER	CREDIT	GRADE PASS	GRADE FAIL

TION	YEAR	CREDIT ALLOWED
s	'57	9 wks
s PS	'58	9 "

UBJECT:

NT MET

E

E

O DATE

MR.
MRS.
MISS **Quigley Hugh Merriman Jr.**
LAST NAME FIRST MIDDLE

75055704
STUDENT NO.

Sec. Ed.
MAJOR

☐ INTER
☐ MAIN
☒ POST-SESSION

LOCAL ADDRESS

TELEPHONE

DO YOU PLAN TO GRADUATE THIS SESSION [✓ YES X] NO ~~X~~

LAST SEM. OR SUMMER SESSION AS PENN STATE STUDENT? ~~S59~~

536 N. Wilson St., Bellefonte, Penna.
HOME ADDRESS

Course	No.	Code	Sec.	Cr.	Meeting Periods	Dpt. Init.
Ed	590424		3	3	1,3	

Wm J. Page 7/9/59
ADVISER'S SIGNATURE DATE

H. K. Gilbing PB 7/14/59
DEAN'S SIGNATURE DATE

BURSAR

THE PENNSYLVANIA STATE COLLEGE
INDICATED BALANCE PAID
AG 10 1959 8
BURSAR

VALIDATION BY BURSAR

FEES—DO NOT WRITE HERE			CR
Gen. Fees @ $15 A Cr.	45	00	
Health Fee 50c A Cr.	1	50	
V Course $20			
Late Registration $2			
Room			
Board			
Less Grad Exempt @ $14			
Less Staff Exempt @ $ 7		5	
TOTAL NET FEES (Subject to Audit)	41	50	

FORM G 6.10

STUDENT

MR.
MRS.
MISS QUIGLEY, HUGH MERRIMAN, JR.
LAST NAME FIRST MIDDLE

STUDENT NO. 7505-5704

MAJOR SEC. ED.

☐ INTER
☒ MAIN
☐ POST-SESSION

LOCAL ADDRESS NONE

TELEPHONE EL-5-2653

HOME ADDRESS 336 N. WILSON ST. BELLEFONTE

DO YOU PLAN TO GRADUATE THIS SESSION YES____ NO X

LAST SEM. OR SUMMER SESSION AS PENN STATE STUDENT? SS 54

COURSE	NO.	CODE	SEC.	CR.	MEETING PERIODS	
ED.	550	424	1	3	1	
MATH	407	756		3	3	

ARE YOU A HIGH SCHOOL GRADUATE? YES X NO____

ARE YOU ATTENDING ANOTHER UNIVERSITY? YES____ NO X

William J. Page 6/20/57
ADVISOR'S SIGNATURE DATE

H. K. S[illegible]
SIGNATURE OF DEAN OF GRADUATE SCHOOL – DATE

BURSAR 74.40 ✓

THE PENNSYLVANIA STATE COLLEGE
BURSAR
INDICATED BALANCE
6 JL 1 '57
PAID

VALIDATION BY BURSAR

FEES — DO NOT WRITE HERE			CR
GEN. FEES @ $12 A CR.	72		
HEALTH FEE .40C A CR.	2	40	
V COURSE $15			
LATE REGISTRATION $2			
ROOM			
BOARD			
LESS GRAD EXEMPT @ $11			
LESS STAFF EXEMPT @ $ 7			
TOTAL NET FEES (SUBJECT TO AUDIT)	74	40	

FORM G 6.10

STUDENT

MR.
~~MRS.~~
~~MISS~~ QUIGLEY, HUGH MERRIMAN, JR.
LAST NAME FIRST MIDDLE

STUDENT NO. 7305-5704

MAJOR Sec. Ed.

☒ INTER
☐ MAIN
☐ POST-SESSION

LOCAL ADDRESS NONE

TELEPHONE EL 5-2652

DO YOU PLAN TO GRADUATE THIS SESSION YES____ NO X

LAST SEM. OR SUMMER SESSION AS PENN STATE STUDENT? SP 54

HOME ADDRESS 536 N. WILSON ST., BELLEFONTE

COURSE	NO.	CODE	SEC.	CR.	MEETING PERIODS	
ED.	551	424	A	3	1, 3	

ARE YOU A HIGH SCHOOL GRADUATE? YES X NO____

ARE YOU ATTENDING ANOTHER UNIVERSITY? YES____ NO X

William J. Page DATE 6/10/57
ADVISOR'S SIGNATURE

H K Schilling
SIGNATURE OF DEAN OF GRADUATE SCHOOL — DATE

BURSAR

THE PENNSYLVANIA STATE COLLEGE BURSAR
BALANCE INDICATED
Je 10
PAID

VALIDATION BY BURSAR

FEES — DO NOT WRITE HERE			CR
GEN. FEES @ $12 A CR.	36	00	
HEALTH FEE .40C A CR.	1	20	
V COURSE $15			
LATE REGISTRATION $2			
ROOM			
BOARD			
LESS GRAD EXEMPT @ $11			
LESS STAFF EXEMPT @ $ 7			
TOTAL NET FEES (SUBJECT TO AUDIT)	37	20	

Dw.

FORM G 6 10

STUDENT

THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK • PENNSYLVANIA

College of Education
Department of Education

May 11, 1959

Mr. Hugh M. Quigley, Jr.
519 March Street
Shillington, Pennsylvania

Dear Hugh:

I would approve the courses that you selected for your summer program:

Session A--Ed. 454.1
Session B--Math. 404, Ed. 551.2 (C)

The alternatives would be acceptable.

Sincerely yours,

Wm J. Page

William J. Page
Assistant Professor of Education

WJP:slr

519 March Street
Shillington, Penna.
May 4, 1959

Dr. William J. Page
208 Burrowes Building
University Park, Penna.

Dear Dr. Page,

Here it is time to plan for the summer already! This year has gone by more quickly and with less effort than last year. Experience certainly is invaluable.

I have been studying the summer sessions schedule and the list of preferred professional courses that you gave me last year. Below are listed the three courses I would like to take this summer and also a list of alternatives. If you agree with my selection, I would appreciate your entering them on the enclosed application and forwarding it to Dean Weaver. If you do not agree, please make any changes. Thank you very much.

I am looking forward to talking with you concerning the future and also concerning the "demonstration of serious writing" which I hope to accomplish this summer.

Respectfully,

Hugh M. Quigley, Jr.

Preferred:

Code Letter of Session	Course	Number and Section	Code	Credit	Meeting Pds.
A	Ed	454.1	424	3	1, 3
B	Math	404	756	3	1
B	Ed.	551.2 (C)	424	3	3

Alternatives:

Ed 480 - Educational Administration
Ed 490 - Philosophic Basis of Education
Ed 587 - The Secondary School Principal as Administrator
Ed 590 - Advanced Philosophy of Education

THE PENNSYLVANIA STATE UNIVERSITY

UNIVERSITY PARK • PENNSYLVANIA

College of Education
Department of Education

May 13, 1958

Mr. Hugh M. Quigley, Jr.
519 March Street
Shillington, Pennsylvania

Dear Hugh:

The following courses were approved and entered on the registration blank which was forwarded to Dean Weaver: Ed. 515, Ed. 525, Psych. 502.2.

I shall look forward to seeing you this summer.

Sincerely yours,

W. J. Page

William J. Page
Assistant Professor of Education

WJP:slr

519 March Street
Shillington, Penna.
May 11, 1958

Dr. William J. Page
208 Burrowes Building
University Park, Penna.

Dear Dr. Page,

The summer is fast approaching, and I figured I'd better do something about summer school. Our school here will not be finished until the 13th of June, so I'll have to wait until the Main Session. I could tolerate a little vacation, anyway.

I have been studying the summer courses offered and have found five possibilities, which I have listed below. The three with the asterisks are the courses I would prefer. I would appreciate your placing the three courses of which you approve on the enclosed application and sending it over to Willard Building, if you feel that such action would be advantageous. If you find it necessary to discuss this with me further, I will be in Bellefonte for three days starting May 30 and will call you then to find out what the situation is.

Until then, I remain,

Respectfully,

Hugh M. Quigley, Jr.

SESSION	COURSE	NO. & SEC.	CODE	CREDIT	PERIODS MET
Main	Education	501.2	424	3	2
Main	*Education	515	424	3	2
Main	Education	516.2	424	3	1
Main	*Education	525	424	3	3
Post	*Psychology	502.2	477	3	1,3

SECONDARY EDUCATION

Listed below are preferred professional courses which should be considered in planning graduate programs. These courses are arranged in three groups. Group I includes preferred courses in the major field of secondary education. Group II contains a list of supplementary courses from which the candidate may select to meet his special needs, Group III suggests courses which should be considered by candidates working toward the doctorate.

Group I

Secondary Education	Ed. 454, [✓ Ed. 525], [✓ Ed. 550] [✓ Ed. 551A], Ed. 551C, Ed. 556

Note: Ed. 550 should be scheduled early in the program.

Group II

Administration	Ed. 587
Elementary Education	Ed. 442
Guidance	Ed. 453
History and Philosophy	Ed. 516 or Ed. 590
Special Education	Ed. 426
Psychology (Educational)	[✓ Psy. 502], Psy. 414, or Psy. 514
Psychology (Adolescence)	Psy. 426
Psychology (Adjustment)	Psy. 437
Instructional Materials	Ed. 524, Ed. 445
Language Education	Ed. 432f
Measurement	Ed. 470, Ed. 446

Note: Psy. 502, Psy. 414, or Psy. 514 should be scheduled by most graduate students.

Group III

Research	Ed. 501, Ed. 574, Ed. 600, Ed. 610

Other courses not listed above may be considered if, in the opinion of the advisor, and the candidate, such courses will serve the best interests of the candidate.

THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA

DEAN OF ADMISSIONS
AND REGISTRAR

September 6, 1956

1st Lt. Hugh M. Quigley, Jr.
Hq. Air Material Command
Box 881
Wright-Patterson Air Force Base
Ohio

Dear Lt. Quigley:

With this letter we are glad to grant admission to the Graduate School to begin studies in the Spring Semester 1957, as a student working for the Master of Education degree with a major in Secondary Education.

This admission is based on the minimum requirements for admission to the Graduate School.

Registration dates for the Spring Semester 1957 are January 30 and 31 and February 1 and 2. Please be sure to bring with you your matriculation card which will be sent from this office at a later date.

Enclosed is a receipt for the five dollar fee which you submitted.

Very truly yours,

R. E.

R. E. Tschan
University Examiner

/cmm

Enclosure

cc: Department of Secondary Education

THE PENNSYLVANIA STATE UNIVERSITY

ADMISSION FEE FOR THE GRADUATE SCHOOL

No. 15585

University Park, Pa. August 28, 1956

Received of Hugh M. Quigley, Jr. $5.00
(check)

David C. Hogan, Jr., Bursar

Per R E Tschan
sd

The five dollar admission fee in the Graduate School is sent to the University Examiner at the time of the applicant's admission. This fee is made payable to The Pennsylvania State University and is not returnable after admission has been granted.

Albright College

Reading, Penna.

Student's Name Quigley, Hugh

Semester II Yr. 1962-63

No.	Course Title	Hrs.	Grade
512	Math	2	B

A—Excellent B—Good C—Fair
D—Passed E—Conditioned F—Failure
Inc—Incomplete

Anna R. Benninger
Registrar

10M 7-10-61

Albright College

Reading, Penna.

Student's Name Quigley, Hugh M. Jr.

Semester I & II Yr. 1961-62

No.	Course Title	Hrs.	Grade
507	Mathematics	2	C
508	Mathematics	2	C

A—Excellent B—Good C—Fair
D—Passed E—Conditioned F—Failure
Inc—Incomplete

Anna R. Benninger
Registrar

10M 7-10-61

Albright College
Reading, Penna.

Student's Name Hugh M. Quigley

Semester I - II Yr. 1960-61

No.	Course Title	Hrs.	Grade
505	Mathematics	2	A
506	Mathematics	2	C

A—Excellent B—Good C—Fair
D—Passed E—Conditioned F—Failure
Inc—Incomplete

Anna R. Benninger
Registrar

10M 5-10-58

IN-SERVICE INSTITUTE
FOR
HIGH SCHOOL TEACHERS
OF
MATHEMATICS

FIRST MEETINGS:

Math 509 - NUMBER SYSTEMS

(Junior High School Program)

Tuesday, September 18, 1962, 7:00 p.m.

Science Hall, Room 202

Math 511 - TOPICS IN ALGEBRA AND GEOMETRY

(Senior High School Program)

Tuesday, September 18, 1962, 7:00 p.m.

Science Hall, Room 102

ANNOUNCEMENT

ALBRIGHT COLLEGE

Reading, Pennsylvania

= = = = = =

Fourth Consecutive

IN-SERVICE INSTITUTE FOR HIGH SCHOOL TEACHERS OF MATHEMATICS

September 18, 1962 - May 21, 1963

Tuesday Evenings, 7:00 - 9:00 p. m.
(during 30 weeks of the College academic year)

= = = = = =

THE OBJECTIVES:

Through its In-Service Programs, the National Science Foundation offers high school teachers of science and mathematics the opportunity for supplemental instruction in their subject-matter fields during the school year during after-school hours. Albright College will conduct its fourth institute for high school teachers of mathematics during the 1962-63 academic year under a Foundation Grant.

These Institutes are intended to strengthen the subject-matter competence of participating teachers and to enhance their capacities to motivate students to consider careers in mathematics, science, and engineering. The Institute also seeks to provide opportunity for strengthening relations between secondary school teachers and the science faculty.

THE PROGRAM:

The Institute will offer four courses based upon the SMSG programs. Each course may be taken for 2 semester-hours undergraduate credit, if desired. Not more than two courses may be taken during the current Institute.

> The following two courses are intended for teachers interested in improving their backgrounds in topics in mathematics which are currently being introduced in the junior high school:

509 NUMBER SYSTEMS

An introduction to ideas of mathematical systems. A re-statement of fundamentals of arithmetic is utilized in developing algebra of other number systems than the familiar. Topics include: natural numbers, rational and real number systems, factors and primes, measurement, scientific notation, permutations, probability. Applications are made to elementary problems of science.

510 INTUITIVE GEOMETRY

A non-metric approach to ideas of geometry is followed by a study of measurement. Properties of plane and solid geometric figures are then deduced informally. Consideration is given to constructions and three-dimensional space representation of geometric configurations. Volumes and surface areas are studied.

The following two courses are intended for teachers interested in improving their backgrounds in topics in mathematics which are currently being introduced in the senior high school:

511 TOPICS IN ALGEBRA AND GEOMETRY

Basic ideas of elementary algebra are treated from the modern viewpoint of sets and the sentence calculus. Topics include: number line, properties of the fundamental operations, exponents and radicals, polynomials and rational forms, equations and inequalities.

The usual topics of Euclidean geometry--congruence, similarity, parallelism, perpendicularity, areas, constructions--are treated axiomatically, following Birkhoff. Topics of analytic geometry are studied.

512 ELEMENTARY FUNCTIONS AND MATRIX ALGEBRA

The first half of the course is devoted to a study of the properties and graphs of the so-called elementary functions--polynomial functions, circular functions, exponential and logarithmic functions. The last half of the course is an introduction to algebra of matrices with applications to systems of linear equations.

SELECTION:

Primarily, candidates will be selected on the basis of their ability to benefit from the program of the Institute and their capacity to develop as teachers of mathematics.

To be eligible for consideration for National Science Foundation support the applicant should:

(1) be certified to teach mathematics in a junior or senior high school in Pennsylvania;

(2) be presently teaching at least one course in mathematics in a junior or senior high school;

(3) be recommended for the program by a supervisory officer of the school in which he is teaching to whom the applicant is responsible.

Previous participation in a Summer or In-Service Institute does not disqualify an applicant.

FINANCIAL SUPPORT:

There are no charges for tuition or fees to participants selected to receive Foundation support.

Travel allowances are provided from Foundation funds at a rate up to seven cents per mile from the participant's home to Albright College and return. Payments will be made at the end of each semester.

An allowance of ten dollars is made to each participant to help defray the cost of books.

The participant is expected to bear the cost of supplies and any other incidentals.

FACILITIES AVAILABLE:

The facilities of the Alumni Memorial Library are available to participants of the Institute.

Participants may take advantage of the college dining hall at regular rates by arrangement with the Director.

TO APPLY:

Application forms may be obtained by writing to

Prof. RICHARD J. KOHLMEYER, Director

NSF In-Service Institute

Albright College

Reading, Pennsylvania

Hugh M. Quigley, Jr.

REMITTANCE FROM

ALBRIGHT COLLEGE

READING, PENNA.

MEMO	DATE	INVOICE NO.	AMOUNT OF INVOICE	DEDUCTION	BALANCE
NSF GRANT 24180	MAY 20 63	7,397	21.00		21.00

DETACH BEFORE DEPOSITING - IF INCORRECT, PLEASE RETURN INTACT

ALBRIGHT COLLEGE

READING, PENNSYLVANIA

NATIONAL SCIENCE FOUNDATION
IN-SERVICE INSTITUTE
RICHARD J. KOHLMEYER, DIRECTOR

AUG 31 '62

I am pleased to inform you that your application for the 1962-63 Albright College In-Service Institute has been favorably considered. You are hereby formally invited to become a participant in the Institute beginning September 18, 1962. You have been enrolled for the first semester in Mathematics 511-TOPICS IN ALGEBRA AND GEOMETRY as you requested in your application. You will receive announcement as to the exact time and place of meetings at a later date.

This program is, as you know, supported by funds from the National Science Foundation and there are no charges for tuition nor fees to you. This invitation carries with it a travel allowance in the amount stated at the bottom of this letter and a book allowance of $10.00

It was felt that most teachers already possess copies of the SMSG materials used in this course and hence we shall not place orders for books. We shall use Units 9-16 in the first semester. If you do not already have copies of these books they may be ordered from:

Yale University Press
School Mathematics Study Group
92A Yale Station
New Haven, Connecticut

Please acknowledge your acceptance of this offer by returning the tear sheet at the bottom of this letter in the stamped envelope provided.

Sincerely yours,

Richard J. Kohlmeyer

Richard J. Kohlmeyer

TRAVEL ALLOWANCE: $42.00
Mr. Quigley

ALBRIGHT COLLEGE
READING, PENNSYLVANIA

NATIONAL SCIENCE FOUNDATION
IN-SERVICE INSTITUTE
RICHARD J. KOHLMEYER, DIRECTOR

September 1, 1961

Mr. Hugh M. Quigley, Jr.
94 Mull Avenue
Sinking Spring, Rdg., Pa.

Dear Mr. Quiqley:

I am pleased to inform you that your application for the 1961-62 Albright College In-Service Institute for High School Teachers of Mathematics has been favorably considered. You are hereby formally invited to become a participant in the Institute beginning September 19, 1961. You will receive an announcement as to the exact time and place of class meetings at a later date.

This program is, as you know, supported by funds from the National Science Foundation and there are no charges for tuition nor fees to you. This invitation carries with it a travel allowance in the amount stated at the bottom of this letter and a book allowance of $10.00. The book allowance will be paid in two installments at the beginning of each semester. The travel allowance will also be paid in two installments on or about February 1 and May 23, 1962. It is a condition of the National Science Foundation grant that travel allowance be paid only for classes actually attended, and hence the stated amount would be pro-rated for anything less than full attendance.

I congratulate you for your interest in the program and trust that you will find the courses profitable. Your early acceptance of this offer by completing the endorsement of the carbon copy of this letter and returning it to me in the enclosed postage paid envelope will facilitate necessary arrangements. There is also enclosed an order form for the textbook should you wish to make your purchase through the College Bookstore.

Sincerely yours,

Richard J. Kohlmeyer

Richard J. Kohlmeyer

TRAVEL ALLOWANCE: $42.00

Date________________

Prof. Kohlmeyer:

I hereby accept the invitation to become a participant in the 1961-62 In-Service Institute according to the terms of this letter.

Signed________________

NSF FORM 9C-24 C
JAN 1960

Budget Bureau No. 99-R090.1
Approval Expires June 30, 1961

IN-SERVICE INSTITUTES—1960-61

APPLICATION FOR PARTICIPATION IN THE SUPPLEMENTARY TRAINING PROGRAM BEING SUPPORTED BY THE NATIONAL SCIENCE FOUNDATION FOR TEACHERS OF SCIENCE AND MATHEMATICS

Institution to which application is made ....

Name of Institute Director ....

A complete application must include: (1) this form with every item filled in, (2) the Record Card which will be forwarded by the Institute Director to the National Science Foundation, (3) college transcripts *only if requested* by the selected In-Service Institute, and (4) any local forms supplied by the institution to which you apply. The foregoing must all be sent to the Director of the selected In-Service Institute. Early applications are encouraged as the numbers and amounts of travel allowances are limited. Specific deadline dates may be established by institutions. PLEASE PRINT OR TYPE.

Supply a complete answer to each item, writing "NONE" where appropriate. Use an extra sheet whenever necessary. TYPE or PRINT all responses, except that page 4 may be written in script.

1. Name
Mr. Mrs. Miss .... (Encircle one) (Last) (First) (Middle)

2. Date of application ....

3. Name of school in which you teach .... Phone No. ....

School address .... (Number and Street) (City) (Zone) (State) Your position ....

Type of school: ☐ College ☐ Junior College ☐ High School ☐ Junior High ☐ Elementary ☐ Other ....

4. Residential address .... (Number and Street) (City) (Zone) (State) Phone No. ....

5. Summer address .... (Number and Street) (City) (Zone) (State) Phone No. ....

6. Check mailing address you wish used:

☐ School address (item 3) from .... to ....

☐ Residential address (item 4) from .... to ....

☐ Summer address (item 5) from .... to ....

7. U.S. citizen ☐ Yes ☐ No

8. Age ....

9. What professional journals and scientific publications do you read regularly?

....

....

10. List the technical and professional science, chemistry, mathematics, physics, biological science, and education organizations (local, state, and national) of which you are a member.

....

....

11. Employment Record.—List professional experience of the past 5 years in teaching and work related to teaching. (*List in reverse chronological order giving present or last position first.*) (Add separate sheet if necessary.)

DATES	EMPLOYER	NATURE OF ACTIVITY

12. What type(s) of teacher certification do you have? ....

13. Years of teaching experience by June 1960, in:

(*a*) high school (including junior high): .... years, from .... to ....;

(*b*) college (including junior college): .... years, from .... to ....;

(*c*) other (specify): ....: .... years, from .... to ....

14. List your own complete weekly school schedule at the time of this application.

COURSE OR OTHER ASSIGNMENT	GRADE OR LEVEL	PERIODS PER WEEK

Each period is .... minutes long.

15. Science and mathematics teaching experience.

SUBJECT	NUMBER OF YEARS
Biology	
Chemistry	
Earth Sciences	
General Science	
Mathematics	
Physics	

16. College or university education.

INSTITUTION	SCHOOL OR DEPARTMENT	YEARS From—	YEARS To—	DEGREE	MAJOR SUBJECT	MINOR SUBJECT(S)

17. List all programs (four weeks or more in length) specifically for science or mathematics teachers that you have attended in the past. Include all Summer Institutes, In-Service and Academic Year Institutes attended. Write "NONE" if you have participated in no previous programs of this nature. (*Your application will not be considered if you fail to list the information requested here.*) Use additional sheets if necessary.

NAME OF HOST INSTITUTION	DATE	AMOUNT OF FINANCIAL ASSISTANCE	SOURCE OF ASSISTANCE (NSF, ETC.)

18. In the spaces provided, number the following areas in the order *of your interest in further study,* labeling your first choice "1", your second choice (if any) "2", etc. Add other areas as appropriate. Biology ; Chemistry ; Earth Sciences ; General Science ; Mathematics ; Physics ; ; .

19. Academic preparation:

In this section show for each course studied in college in the fields listed below: (*a*) the course number as recorded on your transcript, (*b*) the descriptive title of the course, (*c*) the year it was taken, (*d*) number of semester-hours credit received (record amount in column U if the credit was undergraduate credit, in column G if it was graduate credit; if it was quarter-hours, multiply by 2/3 to convert to semester-hours, (*e*) grade received. *This summary must be accurate, therefore it will be necessary for you to obtain the information from your college transcripts, not from memory.*

Also include below, and mark with an asterisk, all courses taken in Summer Institutes, In-Service and Academic Year Institutes, even if no grades were given.

COURSE No.	COURSE TITLE	YEAR TAKEN	SEMESTER HOURS		GRADE
			U	G	
	BIOLOGICAL SCIENCES				
Total number of hours					▨
	CHEMISTRY				
Total number of hours					▨
	EARTH SCIENCES (Astronomy, Geology, etc.)				
Total number of hours					▨
	GENERAL SCIENCE				
Total number of hours					▨

COURSE No.	COURSE TITLE	YEAR TAKEN	SEMESTER HOURS		GRADE
			U	G	
	MATHEMATICS				
Total number of hours					▨
	PHYSICS				
Total number of hours					▨
	EDUCATION				
Total number of hours					▨

20. On this page write a brief essay about yourself. This might well discuss your reasons for wishing to participate in this particular institute, sketching briefly the benefits you hope to derive from doing so and the special problems you face in your teaching situation that you would like to solve. The essay may also describe any other pertinent school and community activities.

(This page may be written in script.)

Signature ....

---

21. To be filled in by director

Was this applicant admitted to the institute with a travel allowance? ☐ Yes ☐ No

Did he actually participate in the institute? ☐ Yes ☐ No

U.S. GOVERNMENT PRINTING OFFICE : 1960 OF—537558

Financial Support:

THERE ARE no charges for tuition or fees to participants selected to receive Foundation support.

Travel allowances are provided from Foundation funds at the rate of seven cents per mile from the participant's home to Albright College and return. Payments will be made at the end of each semester.

An allowance of ten dollars is made to each participant to help defray the cost of books.

The participant is expected to bear the cost of supplies and any other incidentals.

◆

Facilities Available:

THE FACILITIES of the Alumni Memorial Library are available to participants of the Institute.

Participants may take advantage of the college dining hall at regular rates by arrangement with the Director.

◆

To Apply:

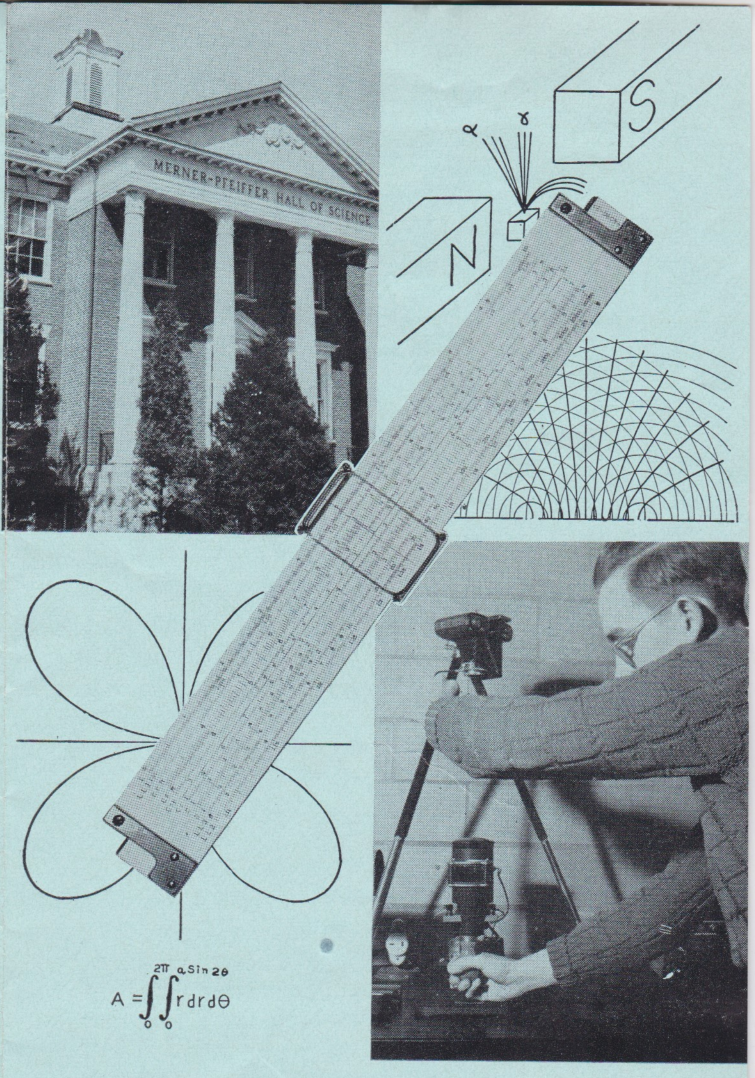
Application forms may be obtained by writing to

Prof. RICHARD J. KOHLMEYER, Director

NSF In-Service Institute

Albright College

Reading, Pennsylvania



$$A = \int_0^{2\pi}\int_0^{a\sin 2\theta} r\,dr\,d\theta$$

Third Consecutive

In-Service Institute
for
High School Teachers
of
Mathematics

Albright College
1961-62

The Program

COORDINATE GEOMETRY AND ANALYSIS, Mathematics 507-508, 2 hours per week, 4 semester-hours undergraduate credit (year course).

First and Second Semesters: Tuesday, 7:00-9:00 p. m.

Instructor: Professor Richard J. Kohlmeyer

A unified treatment of the basic ideas of analytic geometry and calculus. Beginning with consideration of the real number system and its properties, the course considers coordinates, the function concept, sequences, limits, the derivative, the definite integral, mean value theorems, and differential systems. Vector methods of analytic geometry will be utilized.

Particular emphasis will be given to the interrelation of analysis and those topics of secondary school mathematics which contribute toward an understanding of analysis—number system, functional notation, graphs, inequalities, properties of polynomials, and elementary ideas of geometry and trigonometry. While most participants will have had previous courses in the calculus, no prior knowledge of mathematics beyond that of the secondary school is considered necessary for an understanding of this course.

The Objectives:

THROUGH its In-Service Institute Programs, the National Science Foundation offers high school teachers of science and mathematics the opportunity for supplemental instruction in their subject-matter fields during the school year during after-school hours. Albright College will conduct its third institute for high school teachers of mathematics during the 1961-62 academic year under a Foundation grant.

THROUGH formal courses of lectures, the program is intended to strengthen the subject-matter competence of participating teachers. Consideration of modern concepts will provide participants the opportunity to update their earlier study of mathematics.

The program seeks to enhance the capacity of its participants to motivate their students to consider careers in mathematics, science, and engineering.

The Institute seeks to provide opportunity for strengthening relations between secondary school teachers and the science faculty.

Selection:

PRIMARILY, candidates will be selected on the basis of their ability to benefit from the program of the Institute and their capacity to develop as teachers of mathematics.

To be eligible for consideration for National Science Foundation support the applicant should:

(1) be certified to teach mathematics in a junior or senior high school in Pennsylvania;

(2) be presently teaching at least one course in mathematics in a junior or senior high school;

(3) be recommended for the program by a supervisory officer of the school in which he is teaching to whom the applicant is responsible.

Previous participation in a Summer or In-Service Institute does not disqualify an applicant.

Hugh M. Quigley, Jr.

REMITTANCE FROM

ALBRIGHT COLLEGE

READING, PENNA.

MEMO	DATE	INVOICE NO.	AMOUNT OF INVOICE	DEDUCTION	BALANCE	
Book & Travel Allowance			$ 15.00			

DETACH BEFORE DEPOSITING — IF INCORRECT, PLEASE RETURN INTACT

REMITTANCE FROM

ALBRIGHT COLLEGE
READING, PENNA.

Hugh M. Quigley, Jr.

MEMO	DATE	INVOICE NO.	AMOUNT OF INVOICE	DEDUCTION	BALANCE	
In-Service Institute			$12.50			

DETACH BEFORE DEPOSITING — IF INCORRECT, PLEASE RETURN INTACT

REMITTANCE FROM

ALBRIGHT COLLEGE

READING, PENNA.

Hugh M. Quigley, Jr.

MEMO	DATE	INVOICE NO.	AMOUNT OF INVOICE	DEDUCTION	BALANCE
INSTITUTE	SEP 15 60	825	5.00		5.00

DETACH BEFORE DEPOSITING – IF INCORRECT, PLEASE RETURN INTACT

Date: Aug 26, 1960

TO

Prof. Richard J. Kohlmeyer, Director
NSF In-Service Institute
Albright College
Reading, Penna.

Please place an order in my name with the Albright College Bookstore for the following textbook to be used in Course Mathematics 505 in the In-Service Institute during the first semester, 1960-61:

Author: Marie J. Weiss

Title: Higher Algebra for the Undergraduate

Publisher: John Wiley & Sons, Inc., New York.

Copyright: 1949

Probable price: $4.16 (including tax)

Hugh M. Quigley, Jr.
Signature

Received text – Hugh M. Quigley, Jr.

ALBRIGHT COLLEGE
READING, PENNSYLVANIA

NATIONAL SCIENCE FOUNDATION
IN-SERVICE INSTITUTE
RICHARD J. KOHLMEYER, DIRECTOR

August 15, 1960

Mr. Hugh M. Quigley Jr.
519 March St.
Shillington, Pa.

Dear Mr. Quigley:

I am pleased to inform you that your application for the 1960-61 Albright College In-Service Institute for High School Teachers of Mathematics has been favorably considered. You are hereby formally invited to become a participant in the Institute beginning September 20, 1960. You will receive an announcement as to the exact time and place at a later date.

This program is, as you know, supported by funds from the National Science Foundation and there are no charges for tuition nor fees to you. This invitation carries with it a travel allowance in the amount stated at the bottom of this letter and a book allowance of $10.00. The book allowance will be paid in two installments at the beginning of each semester. The travel allowance will also be paid in two installments on or about February 1 and May 23, 1961. It is a condition of the National Science Foundation grant that travel allowance be paid only for classes actually attended, and hence the stated amount would be pro-rated for anything less than full attendance.

I congratulate you for your interest in the program and trust that you will find the courses profitable. Your early acceptance of this offer by completing the endorsement of the carbon copy of this letter and returning it to me in the enclosed postage paid envelope will facilitate necessary arrangements. There is also enclosed an order form for the textbook should you wish to make your purchase through the College Bookstore.

Sincerely yours,

Richard J. Kohlmeyer

Richard J. Kohlmeyer

TRAVEL ALLOWANCE: $25.00

Date____________________

Prof. Kohlmeyer:

I hereby accept the invitation to become a participant in the 1960-61 In-Service Institute according to the terms of this letter.

Signed____________________

June 6, 1960

Prof. Richard J. Kohlmeyer, Director
National Science Foundation
In-Service Institute
Albright College
Reading, Pa.

Dear Prof. Kohlmeyer:

It gives me great professional satisfaction to corroborate Mr. Hugh M. Quigley, Jr.'s sincere interest in the In-Service Institute. He has my encouraged approval to participate in the courses. I am sure he will derive much benefit from such experiences.

Sincerely yours,

Ira P. Hoffman, Principal
Gov. Mifflin Jr. High School

IPH:k

ALBRIGHT COLLEGE
READING, PENNSYLVANIA

NATIONAL SCIENCE FOUNDATION
IN-SERVICE INSTITUTE
RICHARD J. KOHLMEYER, DIRECTOR

June 1, 1960

Mr. Hugh M. Quigley, Jr.
519 March Street
Shillington, Penna.

Dear Mr. Quigley:

I have received your completed application forms for the In-Service Institute. Thank you for your interest in the program.

In addition to the regular application forms I should like to have a letter of recommendation from your department head or principal. This need not be a lengthy letter. It will suffice for the person recommending you to corroborate your interest in the program of the Institute and signify his approval of your participation in the courses.

Sincerely yours,

Richard J. Kohlmeyer

Richard J. Kohlmeyer

Prof. Richard J. Kohlmeyer, Director
National Science Foundation
In-Service Institute
Albright College
Reading, Pa

Dear Prof. Kohlmeyer,

It gives me great professional satisfaction to corroborate Mr. Hugh M. Quigley, Jr.'s sincere interest in the In-Service Institute. He has my encouraged approval to participate in the courses. I am sure he will derive much benefit from such experiences.

Sincerely yours,

Ira P. Hoffman, Prin.
Gov. Mifflin Jr. High School

~~Having been teaching junior high school mathematics~~
~~for three years?~~

There was a time that I ~~[illegible]~~ naively thought that one became a mathematics teacher in college and ~~that is all there~~ then stopped learning and ~~taught~~ began teaching. Having taught junior high school mathematics for the past three years, I realize now, that a teacher must never stop learning. If I were to avoid all further schooling, avoid all discussions with fellow mathematics teachers who have had further training, and avoid all reading in my field, my teaching would soon become stale and ineffective, and I would no longer be a teacher. In order to keep my mathematics teaching alive and vital, I must continuously strive to improve myself. This is the main reason for my desire to participate in the forthcoming In-Service Institute.

Having acquired a Master of Education degree last year, I now feel that I have a fairly good understanding of the ~~[illegible]~~ complexities and problems of public education and that ~~this half of my professional life~~ I can ~~now~~ devote more time than before to the other half of my professional life: the specialized ~~teaching~~ field of mathematics. With a ~~background of education~~ ~~[illegible]~~ maintenance of interest in education and a continuing study of mathematics, my effectiveness as a teacher should increase.

Spring 1960
NSF - Albright.

Final Examination 5/28/59 B * Name and Section ______________________

______________(1)
Find the sum of 1½ and 3¼ and 2$\frac{5}{8}$

______________(2)
Find the difference between $25.95 and $36.40

______________(3)
Multiply 2.5 times 3.25

______________(4)
Divide $\frac{3}{4}$ by $\frac{3}{8}$.

______________(5)
Subtract 2$\frac{7}{8}$ from 5$\frac{3}{16}$.

______________(6)
Find the product of 1.06 and 30.7

______________(7)
Add 3.45 and 2.7 and 22 and .16

______________(8)
Multiply 5¼ times 1$\frac{1}{3}$

______________(9)
Divide 2.7 by .3

______________(10)
Divide 42 by .06

______________(11)
Find the average of 5.67, 23.1, .75, and 3.

______________(12)
Find 26% of 80.

______________(13)
18 is what per cent of 90?

______________(14)
Change .45 to a common fraction in lowest terms.

______________(15)
Change $\frac{7}{16}$ to a decimal fraction.

______________(16)
Change 2¼ gallons to quarts only.

______________(17)
If $\frac{2}{3}$ of a number is 12, what is the number?

______________(18)
Change 2 ft. 9 in. to feet only.

______________(19)
Find the circumference of a circle with 4½ in. radius.

______________(20)
Find the area of a square 21 miles on a side.

Financial Support:

THERE ARE no charges for tuition or fees to participants selected to receive Foundation support.

Travel allowances are provided from Foundation funds at the rate of seven cents per mile from the participant's home to Albright College and return. Payments will be made at the end of each semester.

An allowance of ten dollars is made to each participant to help defray the cost of books.

The participant is expected to bear the cost of supplies and any other incidentals.

◆

Selection:

PRIMARILY, candidates will be selected on the basis of their ability to benefit from the program of the Institute and their capacity to develop as teachers of mathematics.

To be eligible for consideration for National Science Foundation support the applicant should:

(1) be certified to teach mathematics in a junior or senior high school in Pennsylvania;

(2) be presently teaching at least one course in mathematics in a junior or senior high school;

(3) be recommended for the program by a supervisory officer of the school in which he is teaching to whom the applicant is responsible.

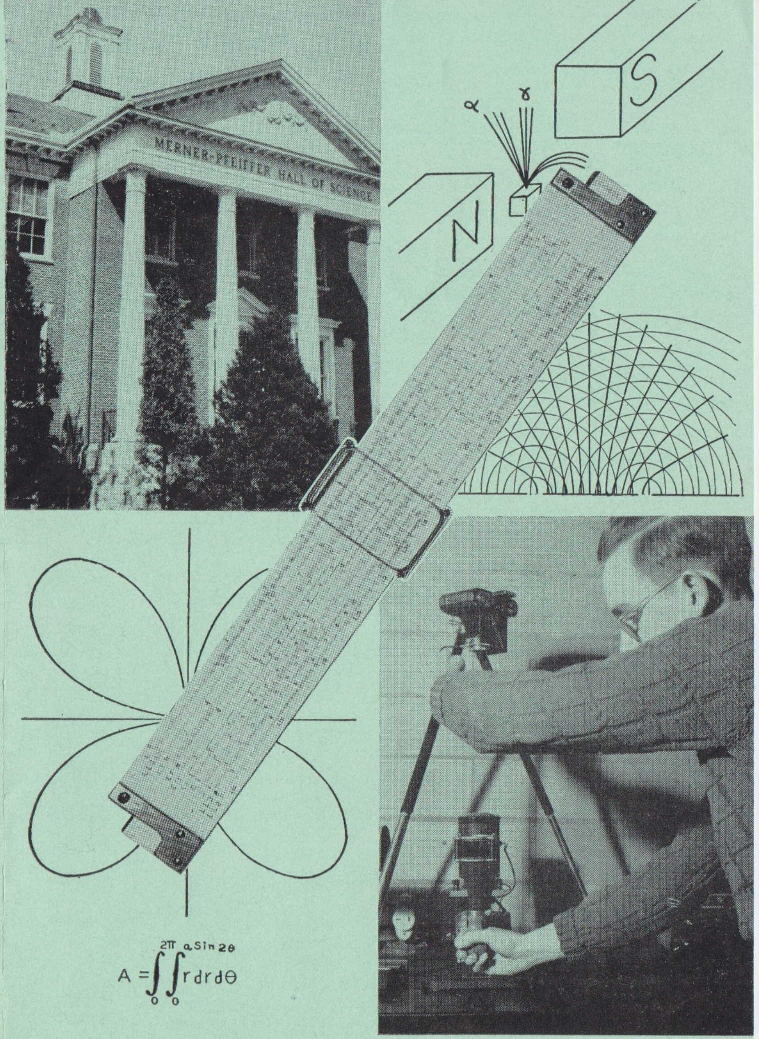
Previous participation in a Summer or In-Service Institute does not disqualify an applicant.

To Apply:

Application forms may be obtained by writing to

Prof. RICHARD J. KOHLMEYER, Director
NSF In-Service Institute
Albright College
Reading, Pennsylvania

◆


MERNER-PFEIFFER HALL OF SCIENCE
S
N
α
γ
$A = \int_0^{2\pi}\int_0^{a\sin 2\theta} r\,dr\,d\theta$

Second Consecutive

# In-Service Institute
for
High School Teachers
of
Mathematics

Albright College
1960-61

Announcing . . .

In-Service Institute for High School Teachers of Mathematics . . . 1960-61

THROUGH its In-Service Institute Programs, the National Science Foundation offers high school teachers of science and mathematics the opportunity for supplemental instruction in their subject-matter fields during the school year during after-school hours. Albright College will conduct its second institute for high school teachers of mathematics during the 1960-61 academic year under a Foundation grant.

Recommendations of the Commission on Mathematics and the School Mathematics Study Group have favored the introduction of modern concepts of algebra and elementary notions of probability and statistics in high school courses. Teachers indicating interest in the institute have indicated a need for courses in these subjects. It is to meet this need that the 1960-61 institute has been planned.

◆

Facilities Available:

THE FACILITIES of the Alumni Memorial Library are available to participants of the Institute.

Participants may take advantage of the college dining hall at regular rates by arrangement with the Director.

Alumni Memorial Library

The Objectives:

THROUGH formal courses of lectures, the program is intended to strengthen the subject-matter competence of participating teachers. Consideration of modern concepts will provide participants the opportunity to update their earlier study of mathematics.

The program seeks to enhance the capacity of its participants to motivate their students to consider careers in mathematics, science, and engineering.

The Institute seeks to provide opportunity for strengthening relations between secondary school teachers and the science faculty.

The Program

INTRODUCTION TO MODERN ALGEBRA, Mathematics 505, 2 hours per week, 2 semester-hours credit.

First Semester: Tuesday, 7:00-9:00 p. m.

Instructor: Prof. Richard J. Kohlmeyer

This course is designed to introduce topics in algebra that are becoming of ever-increasing importance in the fields of science and engineering. The principal topics are: sets, groups, rings, fields, vector spaces, matrix theory. Particular emphasis is placed upon topics relevant to secondary school courses in algebra.

PROBABILITY AND STATISTICS, Mathematics 506, 2 hours per week, 2 semester-hours credit.

Second Semester: Tuesday, 7:00-9:00 p. m.

Instructor: Prof. Richard J. Kohlmeyer

This course is an introduction to probability and its applications, measures of central tendency and variability, normal, binomial, and Poisson distributions, and statistical inference. Particular attention is given to content which is teachable on the secondary school level.

May 14, 1961 NSF Albright.

The minimum benefit that could possibly be derived from participation in an In-Service Institute would be ~~the~~ maintenance of a mathematically active mind, a benefitt not to be taken lightly. ~~It is difficult to explore delve into and explore other areas of mathematics~~ Even though a teacher of mathematics is in touch with the subject most of the time, this encounter is usually with only one or two areas, whereas participation in an In-Service Institute enables him to explores other aspects of mathematics. The program also affords a definite schedule of study, which is often difficult to establish in the distraction-filled home.

Besides the ~~above~~ rather general benefit mentioned above, the courses offer the opportunity for teachers to broaden and enrich their own courses. For example, we are incorporating more probability and statistics, in very basic form, in our seventh-grade ~~curriculum~~ course next year. In the past, the seventh-graders experience with statistics has been limited to finding averages (means). Also, I am personally looking forward to teaching senior high college-preparatory mathematics sometime in the future, and ~~these courses~~ this year's course and I anticipate next year's course will provide much enrichment of my own mathematics knowledge. The more I can learn to make me a more effective teacher the better.

DECIMALS (1) 14 Feb 58 - NAME & SECTION ______________________________

* * * BE SURE TO MAKE DECIMAL POINTS CLEAR * * *

A. Fill in the missing words in the following statements:

1. Because our number system is based on ten, it is called the ________________ system.
2. Each place has a value _______ times greater than the place to its right.
3. The decimal point is always located between the ________ place and the __________ place.
4. The decimal point separates the ___________ numbers from the ______________.
5. Each place has a value ___________ as much as the place to its left.
6. A 6 in tens place would be _________ times greater than a 6 in tenths place.
7. All of the decimal points are kept in a straight vertical line when you __________ and ____________.

B. Place your answers to the following problems in the spaces provided:

1. Find the sum of 256.38 and 42.736 and .23 ____________ Work space:
2. Subtract 6.006 from 60.06 ____________
3. Multiply 483 by .003 ____________
4. Divide .0024 by .06 ____________
5. Add 467.5 mi. to 339.7 mi. ____________
6. Find the product of 5.6 and 6.5 ____________

STUDENT
CO-OPERATIVE
BOOK STORE
K. S. T. C.

B 06.95 BK
B 16.95 BK

B 23.90 TL

THANK YOU

4934 28 JUN 76

2698

STUDENT
CO-OPERATIVE
BOOK STORE
K. S. T. C.

B 14.95 BK

B 14.95 TL

THANK YOU

2699 27 JAN 76

STUDENT
CO-OPERATIVE
BOOK STORE
K. S. T. C.

B 13.50 BK

B 13.50 TL

THANK YOU

1234 8 SEP 75

STUDENT
CO-OPERATIVE
BOOK STORE
K S C

B 13.73 BK

B 13.73 TL

THANK YOU

8168 27 JAN 75

SOCIAL SECURITY NUMBER	YR.	SEM	DATE	MA. I.D.	AMOUNT	T.C.	DELETE CODE	MISC. INFO.
191266052			060876	02	026000			002

029104

KUTZTOWN STATE COLLEGE
BUSINESS OFFICE
KUTZTOWN, PA 19530

STUDENT RECEIPT

SOC SEC #	AMOUNT	RCPT #	DESCRIPTION
191266052	$260.00	029104	AMOUNT PAID

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

06/08/76

☐ CASH
☑ CHECK

By: ____________

191266052			123075	02	012900				
SOCIAL SECURITY NUMBER	YR.	SEM	DATE	MA. I.D.	AMOUNT	T.C.	DELETE CODE	MISC. INFO.	013117

KUTZTOWN STATE COLLEGE

BUSINESS OFFICE

KUTZTOWN, PA. 19530

STUDENT RECEIPT

SOC SEC #	AMOUNT	RCPT #	DESCRIPTION
191266052	$129.00	013117	AMOUNT PAID

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

12/30/75

☐ CASH
☐ CHECK

KSC
W.A.T.

191266052			082775	01	012900				
SOCIAL SECURITY NUMBER	YR.	SEM	DATE	MA. I.D.	AMOUNT	T.C.	DELETE CODE	MISC. INFO.	

004428

KUTZTOWN STATE COLLEGE
BUSINESS OFFICE
KUTZTOWN, PA. 19530

STUDENT RECEIPT

SOC SEC #	AMOUNT	RCPT #	DESCRIPTION
191266052	$129.00	004428	AMOUNT PAID

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

08/27/75

SOCIAL SECURITY NUMBER	YEAR	SEMESTER		DATE	IDEN-TITY	AMOUNT CREDITS	TRANS. CODE	TYPE CODE DUE DATE	
				1/21/75		126.00			126.00

KUTZTOWN STATE COLLEGE
BUSINESS OFFICE
KUTZTOWN, PA. 19530

020104

STUDENT RECEIPT

KSC
W.A.T.

Hugh M. Quigley
Box 7768
R. D. #1
Reading, Pa. 19607 #4034

H Jan. 1975

Basic 126.00

☐ CASH
☑ CHECK

Wm. Thomson, Bus.MGr jam

By

				8/30/74		127.00			127.00
SOCIAL SECURITY NUMBER	YEAR	SEMESTER		DATE	IDENTITY	AMOUNT CREDITS	TRANS. CODE	TYPE CODE DUE DATE	

KUTZTOWN STATE COLLEGE
BUSINESS OFFICE
KUTZTOWN, PA. 19530

009413

STUDENT RECEIPT

Hugh M. Quigley
Box 7768, R.D.#1
Reading, Pa. 19607

KSC
W.A.T.

Sept. 1974

~~basic~~	~~126.00~~
~~grad. trans.~~	~~1.00~~

#4034

☐ CASH

☒ CHECK

By Wm. A. Thomson, Bus.Mgr. jb

KUTZTOWN STATE COLLEGE

BUSINESS OFFICE

KUTZTOWN, PA. 19530

SOCIAL SECURITY NUMBER	YEAR	SEMESTER		DATE	IDEN-TITY	AMOUNT CREDITS	TRANS. CODE	TYPE CODE DUE DATE	
				5/29/74		128.00			128.00

002196

STUDENT RECEIPT

Hugh M. Quigley
Box 776B, R.D.#1
Reading, Pa.   19607

KSC
W.A.T.

Main Session 1974

basic	126.00
sc	2.00

#G691

☐ CASH

☒ CHECK

By Wm. A. Thomson, Bus.Mgr. jb

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF REVENUE

O.K.
W.A.T.

C 1899333

1/11/74		126.00	$ 126.00
DATE	CASH	CHECK	

RECEIVED FROM: One Hundred Twenty Six and 00/100 DOLLARS

Hugh M. Quigley
Box 776B, R. D. #1,
Reading, Pa. 19607

G 5303

ACCOUNT	AMOUNT
Grad. 2nd Sem. Jan. 1974	
Basic	126.00

Wm. A. Thomson, Bus. mgr. aw
REVENUE AGENT

RIC-30 (12-67)

ORIGINAL

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF REVENUE

C 1832624

O.K.
W.A.T.

DATE 6/15/73 CASH CHECK 110.00

$ 110.00

RECEIVED FROM: One Hundred Ten and 00/100 DOLLARS

Hugh M Quigley
Box 776B R. # 1
Reading, Pa. 19607

983

ACCOUNT	AMOUNT
Main Session	1973
Basic	108.00
S.C.	2.00

Wm. A. Thomson, Bus. Mgr.,bs
REVENUE AGENT

RIC-30 (12-67)

ORIGINAL

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF REVENUE

C 1816580

DATE: 3/22/73
CASH:
CHECK: 108.00

$ 108.00

O.K.
W.A.T.

RECEIVED One hundred eight and 00/100 DOLLARS
FROM:

Hugh M. Quigley
Box 776B, R.D.#1
Reading, Pa. 19607

G5508

ACCOUNT	AMOUNT
Jan. 1973 - 2nd sem.	
Basic	108.00

Wm. A. Thomson, Bus.Mgr. jb
REVENUE AGENT

RIC-30 (12-67)

ORIGINAL

STUD. COPY

COURSE	SEC	DESCRIPTION	CREDITS	GRADE	QUALITY POINTS
MATH525		FUNC OF COMPLEX VARIABLE	3.0	A	
MAED415		LEARNING&TEACHING MATH	3.0	A	

CREDITS ATTEMPTED	CREDITS PASSED	TRANSFER CREDITS	ADVANCED STANDING	QUALITY POINTS EARNED	QPA CUMULATIVE	QPA SEMESTER	GRADING PERIOD TOTALS		
							6.0		

A = EXCELLENT
B = ABOVE AVERAGE
C = AVERAGE
D = BELOW AVERAGE
F = FAILURE
E = RE-EXAM PRIVILEGE
I = INCOMPLETE
R = REPEAT COURSE. COURSES PREVIOUSLY TAKEN ARE NOT ADDED TO CREDITS ATTEMPTED
WP = WITHDREW PASSING
WF = WITHDREW FAILING (PENALTY GRADE)
PASSED = PASSED COURSE TAKEN ON A PASS/FAIL BASIS, NOT CALCULATED IN THE QUALITY POINT AVERAGE
FAILED = FAILED COURSE TAKEN ON A PASS/FAIL BASIS, NOT CALCULATED IN THE QUALITY POINT AVERAGE
W = WITHDREW
AUD = AUDIT = NO CREDIT

QUALITY POINTS

A = 4
B = 3
C = 2
D = 1
F = 0
I = 0

1866

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NO.	DATE
191-26-6052	08/06/76

GRADUATE MAIN SESSION

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

THE QUALITY POINT AVERAGE IS DETERMINED BY DIVIDING THE TOTAL NUMBER OF QUALITY POINTS BY THE NUMBER OF CREDITS ATTEMPTED AT KUTZTOWN STATE COLLEGE. THE FOLLOWING GRADES ARE NOT INCLUDED IN DETERMINING THE QUALITY POINT AVERAGE: PASS/FAIL GRADES, WITHDREW PASSING GRADES, AUDITS AND W'S.

STUD. COPY

A = EXCELLENT
B = ABOVE AVERAGE
C = AVERAGE
D = BELOW AVERAGE
F = FAILURE
E = RE-EXAM PRIVILEGE
I = INCOMPLETE

* REPEAT COURSE. COURSES PREVIOUSLY TAKEN ARE NOT ADDED TO CREDITS ATTEMPTED OR PASSED.

QUALITY POINTS

A = 4
B = 3
C = 2
D = 1
F = 0

COURSE	SEC	DESCRIPTION	CREDITS	GRADE	QUALITY POINTS
MATH516		FUNC OF REAL VARIAB I	3.0	B	

CREDITS ATTEMPTED	CREDITS PASSED	TRANSFER CREDITS	QUALITY POINTS EARNED	QPA CUMULATIVE	QPA SEMESTER	GRADING PERIOD TOTALS
						3.0

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NO.	DATE
191-26-6052	05/28/76

GRADUATE SPRING SEMESTER

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

QUALITY POINT AVERAGE IS DETERMINED BY DIVIDING THE TOTAL NUMBER OF QUALITY POINTS BY THE NUMBER OF CREDITS ATTEMPTED AT KUTZTOWN STATE COLLEGE. PASS-FAIL GRADES ARE NOT INCLUDED IN DETERMINING THE QUALITY POINT AVERAGE.

STUD. COPY

COURSE	SEC	DESCRIPTION	CREDITS	GRADE	QUALITY POINTS
MATH540		THEORY OF PROBABILITY	3,0	B	

CREDITS ATTEMPTED	CREDITS PASSED	TRANSFER CREDITS	ADVANCED STANDING	QUALITY POINTS EARNED	QPA CUMULATIVE	QPA SEMESTER	GRADING PERIOD TOTALS		
							3,0		

A = EXCELLENT
B = ABOVE AVERAGE
C = AVERAGE
D = BELOW AVERAGE
F = FAILURE
E = RE-EXAM PRIVILEGE
I = INCOMPLETE
R = REPEAT COURSE. COURSES PREVIOUSLY TAKEN ARE NOT ADDED TO CREDITS ATTEMPTED
WP = WITHDREW PASSING
WF = WITHDREW FAILING (PENALTY GRADE)
PASSED = PASSED COURSE TAKEN ON A PASS/FAIL BASIS, NOT CALCULATED IN THE QUALITY POINT AVERAGE
FAILED = FAILED COURSE TAKEN ON A PASS/FAIL BASIS, NOT CALCULATED IN THE QUALITY POINT AVERAGE
W = WITHDREW
AUD = AUDIT = NO CREDIT

QUALITY POINTS

A = 4
B = 3
C = 2
D = 1
F = 0
I = 0

1866

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NO.	DATE
191-26-6052	12/19/75

GRADUATE FALL SEMESTER

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

THE QUALITY POINT AVERAGE IS DETERMINED BY DIVIDING THE TOTAL NUMBER OF QUALITY POINTS BY THE NUMBER OF CREDITS ATTEMPTED AT KUTZTOWN STATE COLLEGE. THE FOLLOWING GRADES ARE NOT INCLUDED IN DETERMINING THE QUALITY POINT AVERAGE: PASS/FAIL GRADES, WITHDREW PASSING GRADES, AUDITS AND W'S.

PARENT

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NAME ▶ QUIGLEY, HUGH M

SPRING SEMESTER GRADES

STUDENT NO.	DATE MO.	DATE DAY	DATE YR.
191266052	05	23	75

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

MAJOR: MATH

COURSE	SEC.	DESCRIPTION	ABS.	CR. HRS.	GRADE	QUALITY POINTS
MATH561		ALGEBRA I		3.0	B	

TRANSFER CREDIT	KUTZTOWN CREDITS TO DATE	QUALITY POINTS TO DATE	QUALITY POINT AVERAGES: KUTZTOWN CUMULATIVE ▶		QUALITY POINT AVERAGES: CURRENT SEMESTER ▶		GRADING PERIOD TOTALS: ABS.	GRADING PERIOD TOTALS: CR. HRS.	GRADING PERIOD TOTALS: GRADE	GRADING PERIOD TOTALS: QUALITY POINTS
								03		

SPEEDIFLO® MOORE BUSINESS FORMS, INC. S

PARENT

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NAME ▶ QUIGLEY, HUGH M

FALL SEMESTER GRADES

STUDENT NO.
191266052

DATE MO.	DATE DAY	DATE YR.
01	08	75

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

MAJOR: MATH

COURSE	SEC.	DESCRIPTION	ABS.	CR. HRS.	GRADE	QUALITY POINTS
MATH550		FOUND OF GEOMETRY		3.0	A	

			KUTZTOWN CUMULATIVE ▶		CURRENT SEMESTER ▶			03		
TRANSFER CREDIT	KUTZTOWN CREDITS TO DATE	QUALITY POINTS TO DATE	QUALITY POINT AVERAGES				GRADING PERIOD TOTALS			

SPEEDIFLO® MOORE BUSINESS FORMS, INC. S

PARENT

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NAME ▶ QUIGLEY, HUGH M

MAIN SESSION GRADES

STUDENT NO.	DATE MO.	DATE DAY	DATE YR.
191266052	08	02	74

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

MAJOR: MATH

COURSE	SEC.	DESCRIPTION	ABS.	CR. HRS.	GRADE	QUALITY POINTS
MATH512		FOUNDATIONS OF MATH		3.0	B	

			KUTZTOWN CUMULATIVE ▶		CURRENT SEMESTER ▶			03		
TRANSFER CREDIT	KUTZTOWN CREDITS TO DATE	QUALITY POINTS TO DATE	QUALITY POINT AVERAGES				GRADING PERIOD TOTALS			

SPEEDIFLO® MOORE BUSINESS FORMS, INC. 5

PARENT

1866

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NAME ▶ QUIGLEY, HUGH M

SPRING SEM GRADES

STUDENT NO.
191266052

DATE MO.	DATE DAY	DATE YR.
06	13	74

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

MAJOR: MATH

COURSE	SEC.	DESCRIPTION	ABS.	CR. HRS.	GRADE	QUALITY POINTS
MATH513	B	IN-SERVICE MATH		3.0	B	

TRANSFER CREDIT	KUTZTOWN CREDITS TO DATE	QUALITY POINTS TO DATE	QUALITY POINT AVERAGES: KUTZTOWN CUMULATIVE ▶	QUALITY POINT AVERAGES: CURRENT SEMESTER ▶	GRADING PERIOD TOTALS: ABS.	GRADING PERIOD TOTALS: CR. HRS.	GRADING PERIOD TOTALS: GRADE	GRADING PERIOD TOTALS: QUALITY POINTS
						03		

SPEEDIFLO® MOORE BUSINESS FORMS, INC. S

PARENT

1866

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NAME ▶ QUIGLEY, HUGH M

MAIN SESS GRADES

STUDENT NO.	DATE MO.	DATE DAY	DATE YR.
191266052	08	10	73

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

MAJOR: MATH

COURSE	SEC.	DESCRIPTION	ABS.	CR. HRS.	GRADE	QUALITY POINTS
MATH530		TOPOLOGY		3.0	C	

TRANSFER CREDIT	KUTZTOWN CREDITS TO DATE	QUALITY POINTS TO DATE	QUALITY POINT AVERAGES: KUTZTOWN CUMULATIVE ▶	QUALITY POINT AVERAGES: CURRENT SEMESTER ▶	GRADING PERIOD TOTALS: ABS.	GRADING PERIOD TOTALS: CR. HRS.	GRADING PERIOD TOTALS: GRADE	GRADING PERIOD TOTALS: QUALITY POINTS
						03		

SPEEDIFLO® MOORE BUSINESS FORMS, INC. S

368

PARENT

1866

GRADE REPORT
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

STUDENT NAME ▶ QUIGLEY, HUGH M

SPRING SESS GRADES

STUDENT NO.	DATE MO.	DATE DAY	DATE YR.
191266052	07	05	73

HUGH M QUIGLEY
BOX 776B
R D #1
READING PA 19607

MAJOR:

COURSE	SEC.	DESCRIPTION	ABS.	CR. HRS.	GRADE	QUALITY POINTS
MATH513		INSERVICE MATH		3.0	B	

TRANSFER CREDIT	KUTZTOWN CREDITS TO DATE	QUALITY POINTS TO DATE	QUALITY POINT AVERAGES: KUTZTOWN CUMULATIVE ▶		QUALITY POINT AVERAGES: CURRENT SEMESTER ▶		GRADING PERIOD TOTALS: ABS.	GRADING PERIOD TOTALS: CR. HRS.	GRADING PERIOD TOTALS: GRADE	GRADING PERIOD TOTALS: QUALITY POINTS
								03		

SPEEDIFLO® MOORE BUSINESS FORMS, INC. 5

R.D. 1, Box 776B
Reading, Pa. 19607
21 August 1976

Dr. Edward W. Evans, Chairman
Mathematics Department
Kutztown State College
Kutztown, Pa. 19530

Dear Dr. Evans,

After considerable thought and weighing the pros and cons, I have decided not to pursue the M.A. degree in mathematics. As I told you earlier this summer, I have reached my goal of 30 credits beyond my master's degree, which I set for myself back in the spring of 1973 with the first Unified Math course. My objective then was, and still is, to broaden my mathematical background but not delve too deeply into any one or two areas. I feel that the remaining courses I need for the M.A. degree would not only fail to meet my objectives but also be of little value or interest to me. Actually, I consider the set of ten courses which I completed to be superior to the M.A. program for my purposes. Perhaps you and your department should consider the possibility of such a program, with these thoughts in mind, for the high school mathematics teacher, with some sort of special degree granted upon completion.

Thank you for your help and understanding during these past three and a half years. I appreciated being permitted to enroll in courses of my choice, and perhaps I will take more courses at some future time. Meanwhile, there is a myriad of undone things awaiting my attention! As a final note, the two courses I completed this summer were a most pleasant finale to my program.

Sincerely yours,

Hugh M. Quigley

R.D. 1, Box 776B
Reading, Pa. 19607
21 August 1976

Dr. Paul R. Drumm, Dean
School of Graduate Studies
Kutztown State College
Kutztown, Pa. 19530

Dear Dr. Drumm,

Since I have reached my goal of 30 credits beyond my master's degree and because of pressing personal matters, I will be taking no more courses for awhile. Would you therefore please have my name removed from your mailing list? I trust that I would need simply to notify your office if I were to wish to enroll in courses at some future time.

Also, I would appreciate having a transcript of my record of the past three and a half years sent to:

Dr. William T. Shannon, Supt.
Gov. Mifflin School District
10 South Waverly Street
Shillington, Pa. 19607

In addition, I would appreciate having a transcript sent to me for my personal file.

My experiences at Kutztown State College have been for the most part useful and enjoyable.

Thank you for taking care of the above matters.

Sincerely,

Hugh M. Quigley

KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

Division of Graduate Studies

June 1, 1973

Mr. Hugh M. Quigley
Box 776B, R. D. #1
Reading, Pennsylvania 19607

Dear Mr. Quigley:

I am very sorry for the delay which you experienced in hearing from us concerning your admission to graduate courses this summer. The Mathematics Department has, as of May 29th, notified us that it approves your admission as a special student. You are admitted to graduate courses as an unclassified student and Dr. Evans, Chairman of the Mathematics Department, will be your advisor for whatever needs you may have regarding graduate studies.

Sincerely yours,

Paul R. Drumm
Dean of Graduate Studies

sas

Box 776B, R.D. 1
Reading, Pa. 19607
28 May 1973

Division of Graduate Studies
Kutztown State College
Kutztown, Pa. 19530

Gentlemen,

Back in March, I submitted my application for admission to the Division of Graduate Studies, but I have received no confirmation of same. I trust all was in order with my application. On the application, I made no indication of working towards a degree, since my intention at this time is simply to be able to take a course inmathematics from time to time. I am presently completing Math 513, Unified Mathematics, with Dr. Evans.

This summer I would like to take Math 530, Topology, during the Main Session at 9:30 a.m. I would appreciate your sending to me whatever forms and information are becessary for me to become properly enrolled in that course.

Thank you for your kindness and condideration.

Very truly yours,

Hugh M. Quigley

KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA

Division of Graduate Studies

March 22, 1973

Mr. Hugh M. Quigley
Box 776B
R.D. #1
Reading, PA 19607

Dear Mr. Quigley:

As you no doubt read at the top of the form which you filled out for the in-service course in mathematics all students must have on file, in the Graduate Office of Kutztown State College, before grades will be awarded and a transcript generated, a copy of the transcript for the highest degree you have earned.

Please have a copy of the transcript for your highest degree sent to us as soon as possible. We cannot fully process your materials without this evidence of your having at least a bachelor's degree. Thank you for your interest in the in-service course. Enjoy your work.

Sincerely yours,

Paul R. Drumm
Dean of Graduate Studies

sau

Letter to P.S.U. for
transcript 24 mar 73